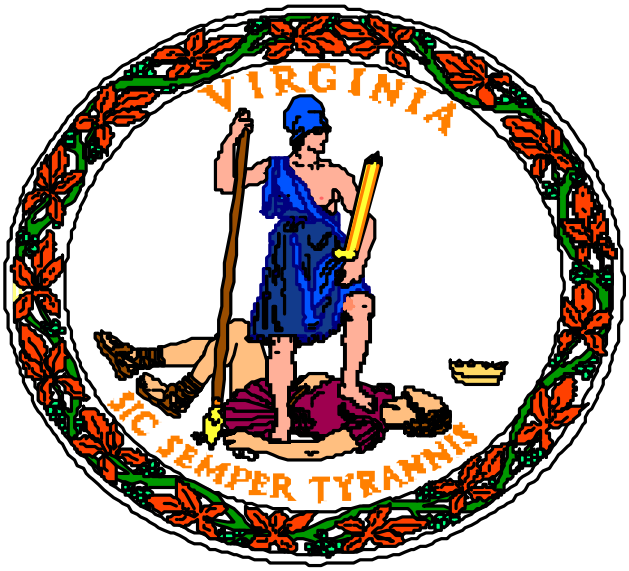
2000 ANNUAL REPORT
SUMMARY OF SURVEILLANCE DATA FOR VIRGINIA CHILDREN WITH ELEVATED BLOOD LEAD LEVELS



VIRGINIA DEPARTMENT OF HEALTH
OFFICE OF EPIDEMIOLOGY
1500 EAST MAIN STREET
RICHMOND, VIRGINIA 23218

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INTRODUCTION

The summary of surveillance data for Virginia children reported with elevated blood lead levels is presented in this 2000 annual report. The report includes all data submitted to the Virginia Department of Health, Office of Epidemiology, for any child age 15 years or younger, diagnosed with an elevated blood lead level of greater than or equal to 10 micrograms per deciliter (µg/dL). The data include newly reported cases for 2000, as well as comparative summary data for 1998 and 1999.

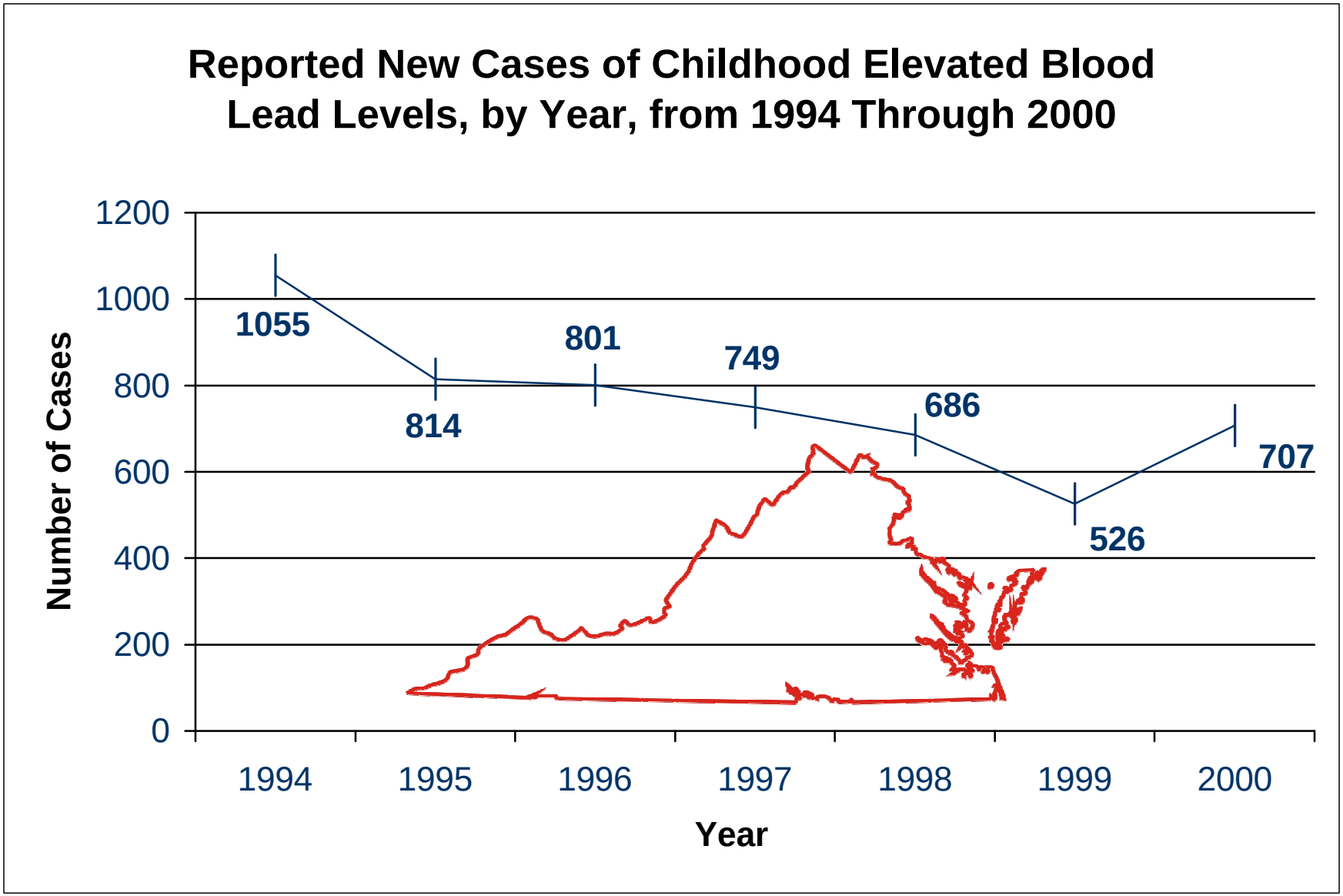
Revisions made to the *Regulations for Disease Reporting and Control* which became effective January 1, 1999, changed the reportable blood lead level for Virginia children from $\geq$ 15 µg/dL to $\geq$ 10 µg/dL. Blood lead levels between 10 and 14 µg/dL that were reported voluntarily prior to 1999 are reflected in the data in this report.

The Office of Epidemiology is responsible for gathering and tracking information on children with elevated blood lead levels and maintains the statewide database. Reports are received from varied sources including laboratories, hospitals, physicians, and local health departments. By gathering the information in one centralized location, we can closely scrutinize the data for accuracy and completeness and eliminate duplicate records. A child is counted only once based on the date of the initial elevated blood lead report. Any follow-up test results are noted within the existing record, including data from different reporting years.

sex, age, and range of blood lead levels. Additionally, total cases are given for each locality, health district, and region in the state. Population data provided in this report are projections available from the Census Bureau (September, 2000) and are used to calculate rates of cases per 100,000 children. Data are also provided which explain the source of reports, address status for reported cases, the test type utilized for screening, and the frequencies of repeat testing. A breakdown of "health department patient" versus "non health department patient" is provided for each district.

Improvements continue in certain areas of data collection. Race data and home address information are more complete than in previous years. The data identifying test type as capillary or venous remains an area of concern since many reports are entered as unknown test type. As in previous years, assistance from local health departments helped to reduce the number of missing elements in the data. Specifically, the work of the nurse managers and lead program coordinators is greatly appreciated.

This annual report is intended to be a useful resource when addressing concerns about childhood lead exposure in Virginia. Your suggestions for the use of the data or the manner in which it is presented are always welcome. Should you have any questions or requests for additional data, please contact Lala Wilson, Division of Health Hazards Control, by phone at (804) 786-1763 or by e-mail at lwilson@vdh.state.va.us.



Revisions to the *Regulations for Disease Reporting and Control* effective January 1, 1999, changed the reportable blood lead level for Virginia children from ≥ 15 µg/dL to ≥ 10 µg/dL. Blood lead levels between 10 and 14 µg/dL that were reported voluntarily prior to 1999 are reflected in these data.

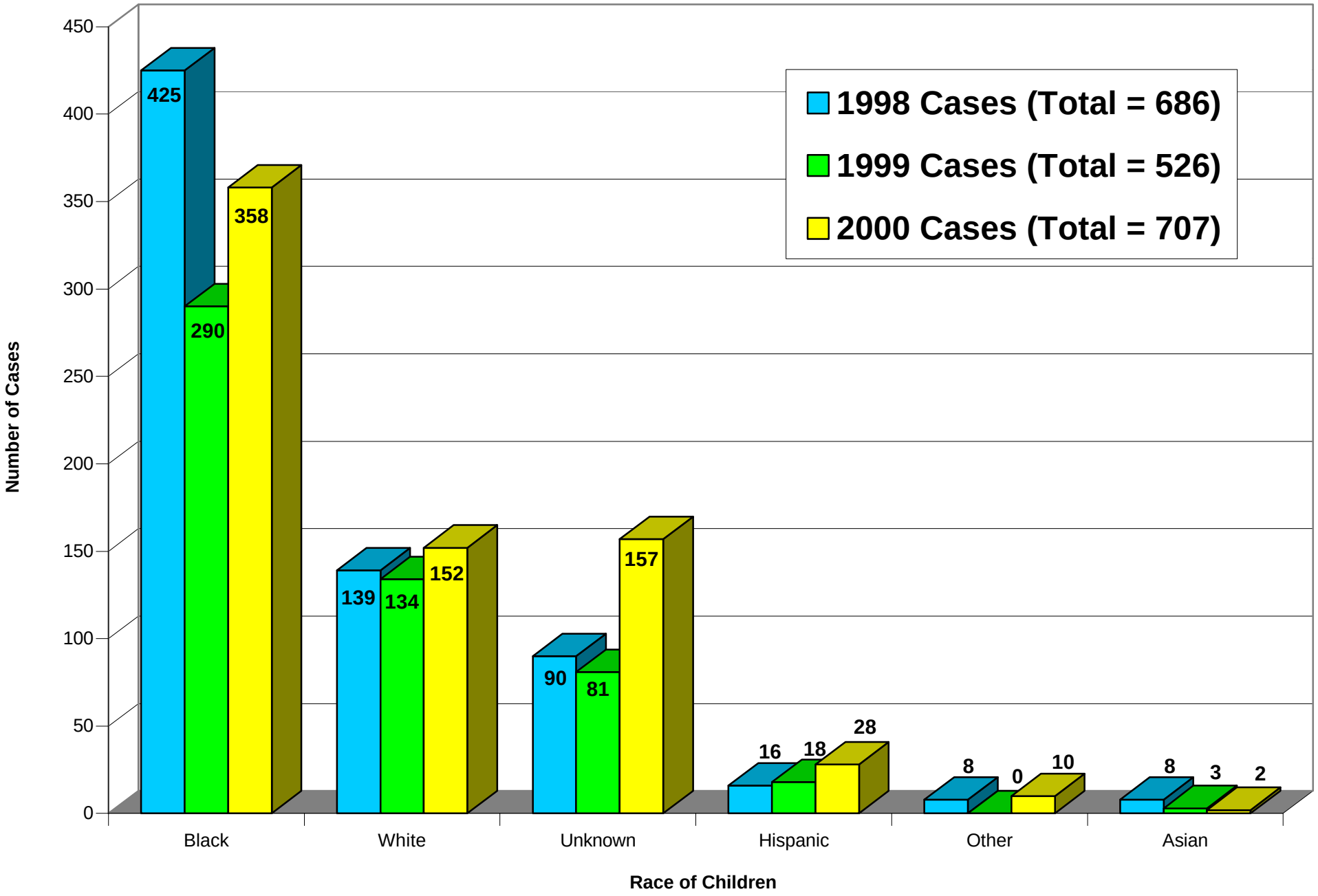
Number Of Virginia Children Reported With Blood Lead Levels ≥ 10 µg/dL*, By Race, From 1998 Through 2000

RACE	1998 Cases	1999 Cases	2000 Cases	Total Cases 1998-2000	Percent of 3-Year Total
Black	425	290	358	1073	55.9%
White	139	134	152	425	22.1%
Unknown	90	81	157	328	17.1%
Hispanic	16	18	28	62	3.2%
Other	8	0	10	18	0.9%
Asian	8	3	2	13	0.7%
Total	686	526	707	1919	100.0%

The above data represent new cases of Virginia children reported from 1998 to 2000 with blood lead levels greater than or equal to 10 micrograms per deciliter (≥ 10 µg/dL).* The data are a comparison of the children by race. The majority of cases in all three years were reported as black.

*Regulation effective January 1, 1999, changed the reportable blood lead level from ≥ 15 µg/dL to ≥ 10 µg/dL. Levels < 15 reported voluntarily prior to 1999 are included.

Number of Virginia Children Reported With Blood Lead Levels ≥ 10 µg/dL*, by Race and Year, From 1998 to 2000



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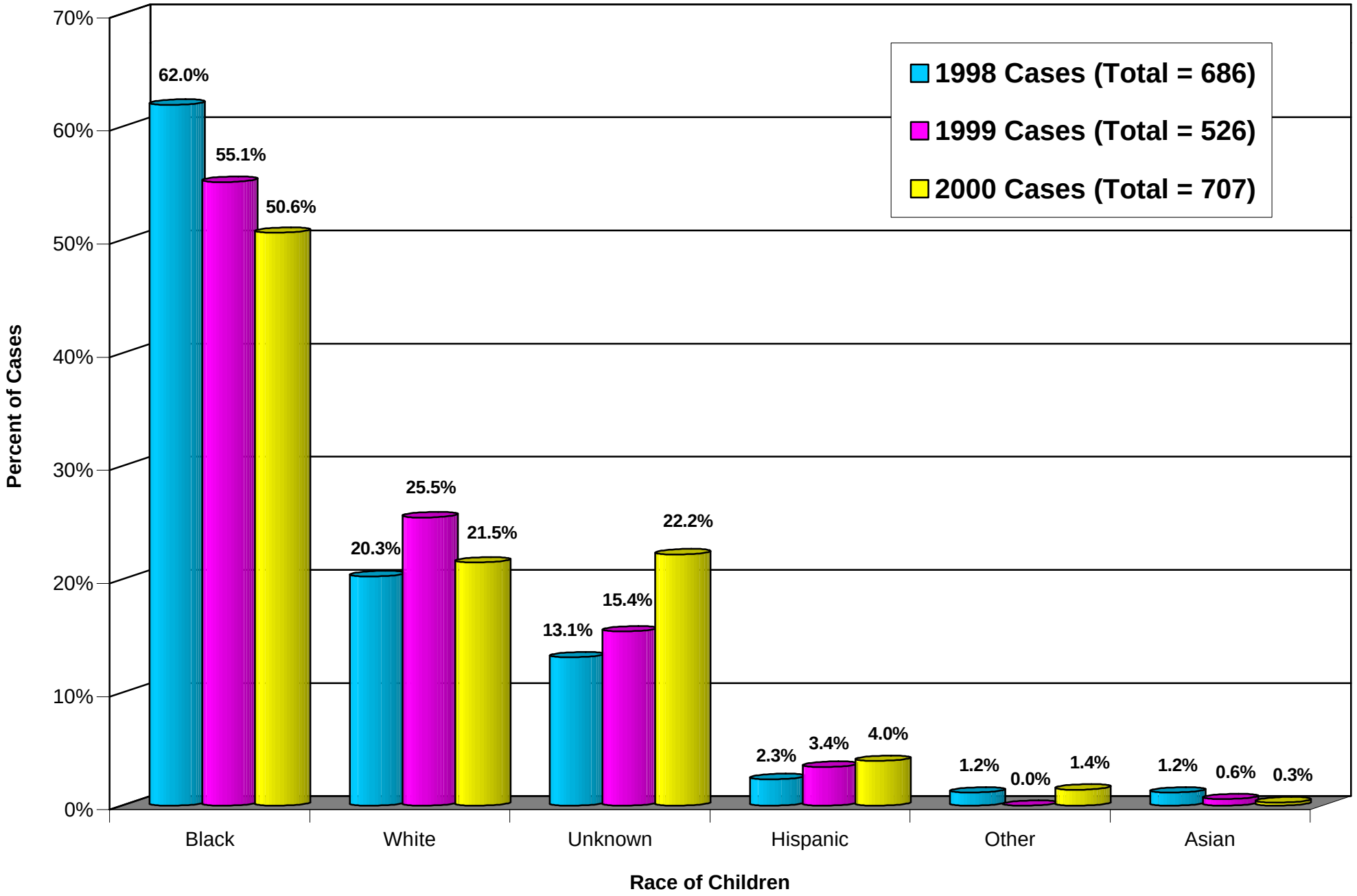
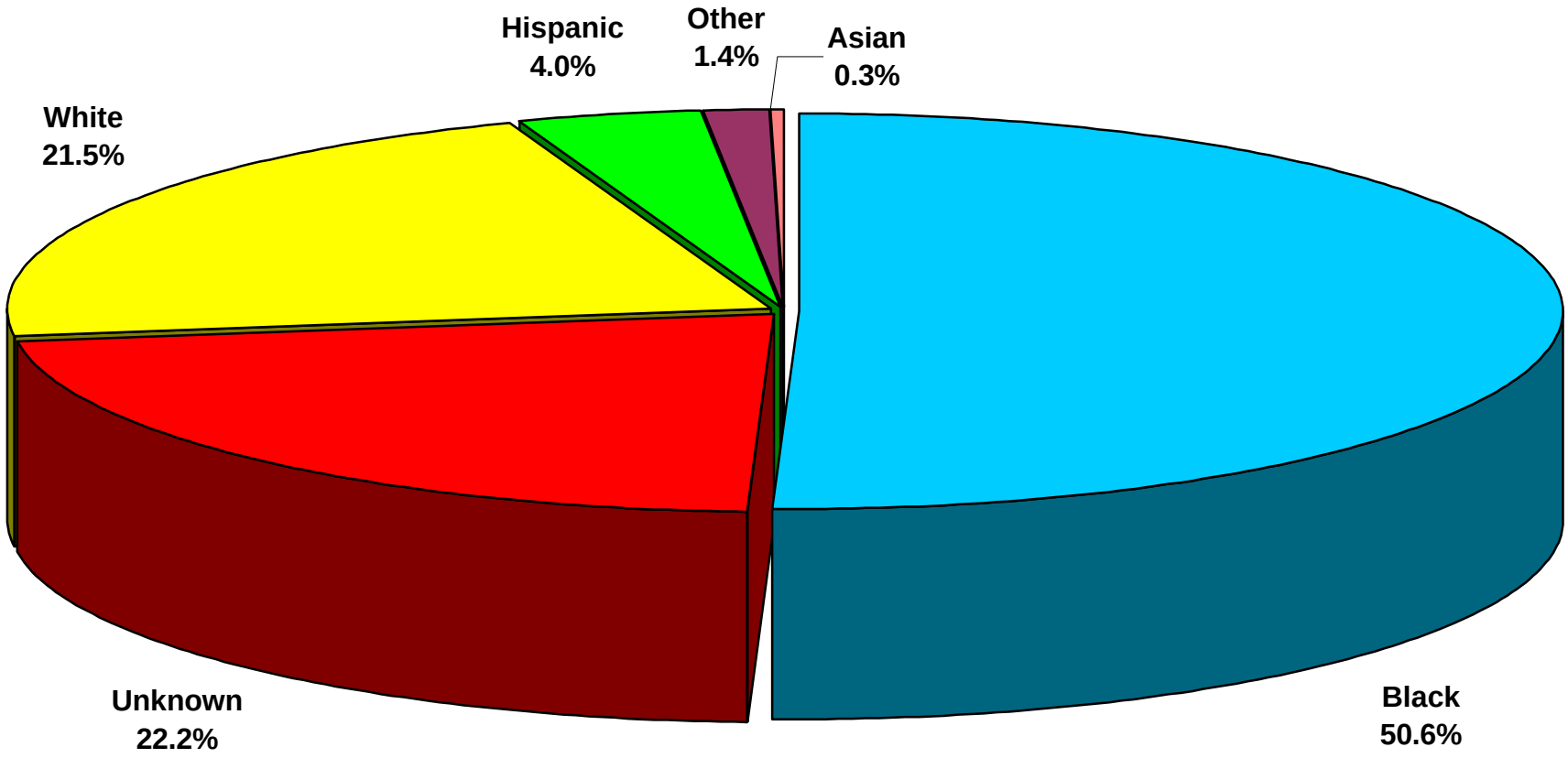
Percent of Virginia Children Reported With Blood Lead Levels ≥ 10 µg/dL*, by Race and Year, From 1998 to 2000



*Regulation effective January 1, 1999, changed the reportable blood lead level from ≥ 15 µg/dL to ≥ 10 µg/dL. Levels < 15 reported voluntarily prior to 1999 are included.

Virginia Children Reported With Blood Lead Levels ≥ 10 µg/dL*, by Race, for 2000



*Regulation effective January 1, 1999, changed the reportable blood lead level from ≥ 15 µg/dL to ≥ 10 µg/dL.

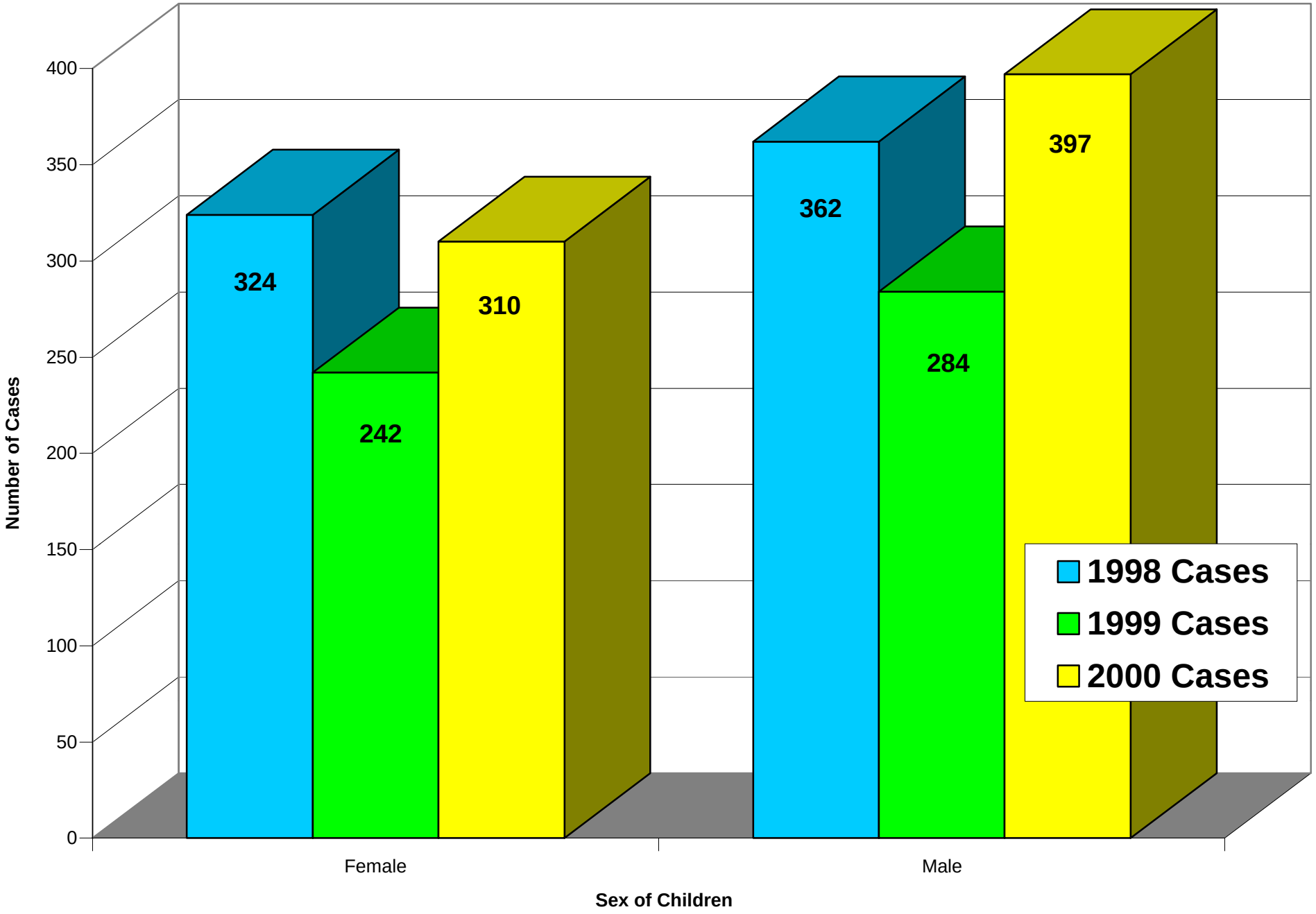
Number Of Virginia Children Reported With Blood Lead Levels ≥ 10 µg/dL*, By Sex, From 1998 Through 2000

SEX	1998 Cases	1999 Cases	2000 Cases	Total Cases 1998-2000	Percent of 3-Year Total
Female	324	242	310	876	45.6%
Male	362	284	397	1043	54.4%
Total	686	526	707	1919	100.0%

The above data represent new cases of Virginia children reported from 1998 to 2000 with blood lead levels greater than or equal to 10 micrograms per deciliter (≥ 10 µg/dL).* The data are a comparison of the children by sex. The majority of cases in all three years were reported as male.

*Regulation effective January 1, 1999, changed the reportable blood lead level from ≥ 15 µg/dL to ≥ 10 µg/dL. Levels < 15 reported voluntarily prior to 1999 are included.

Number of Virginia Children Reported With Blood Lead Levels ≥ 10 µg/dL*, by Sex and Year, From 1998 to 2000



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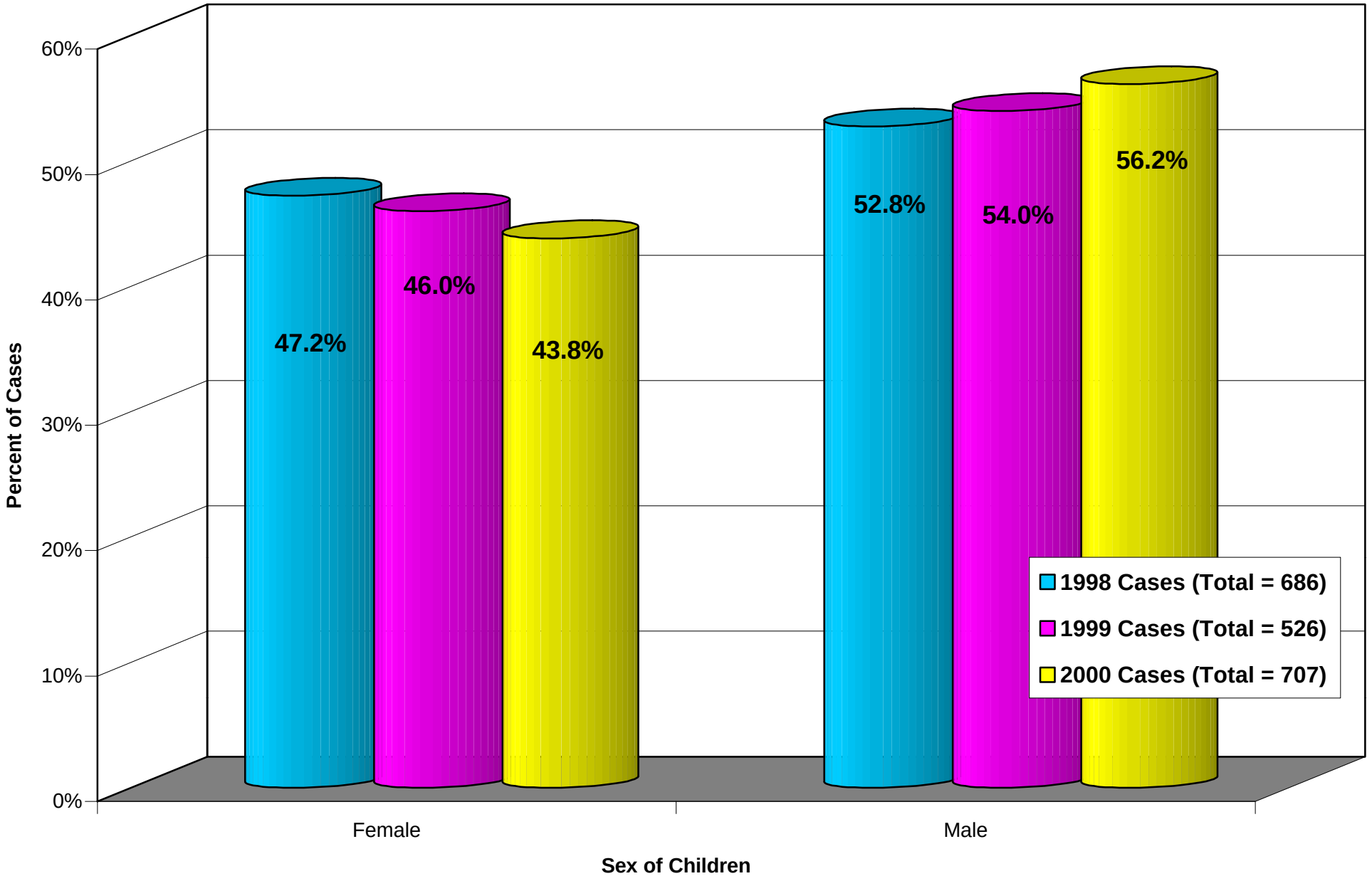
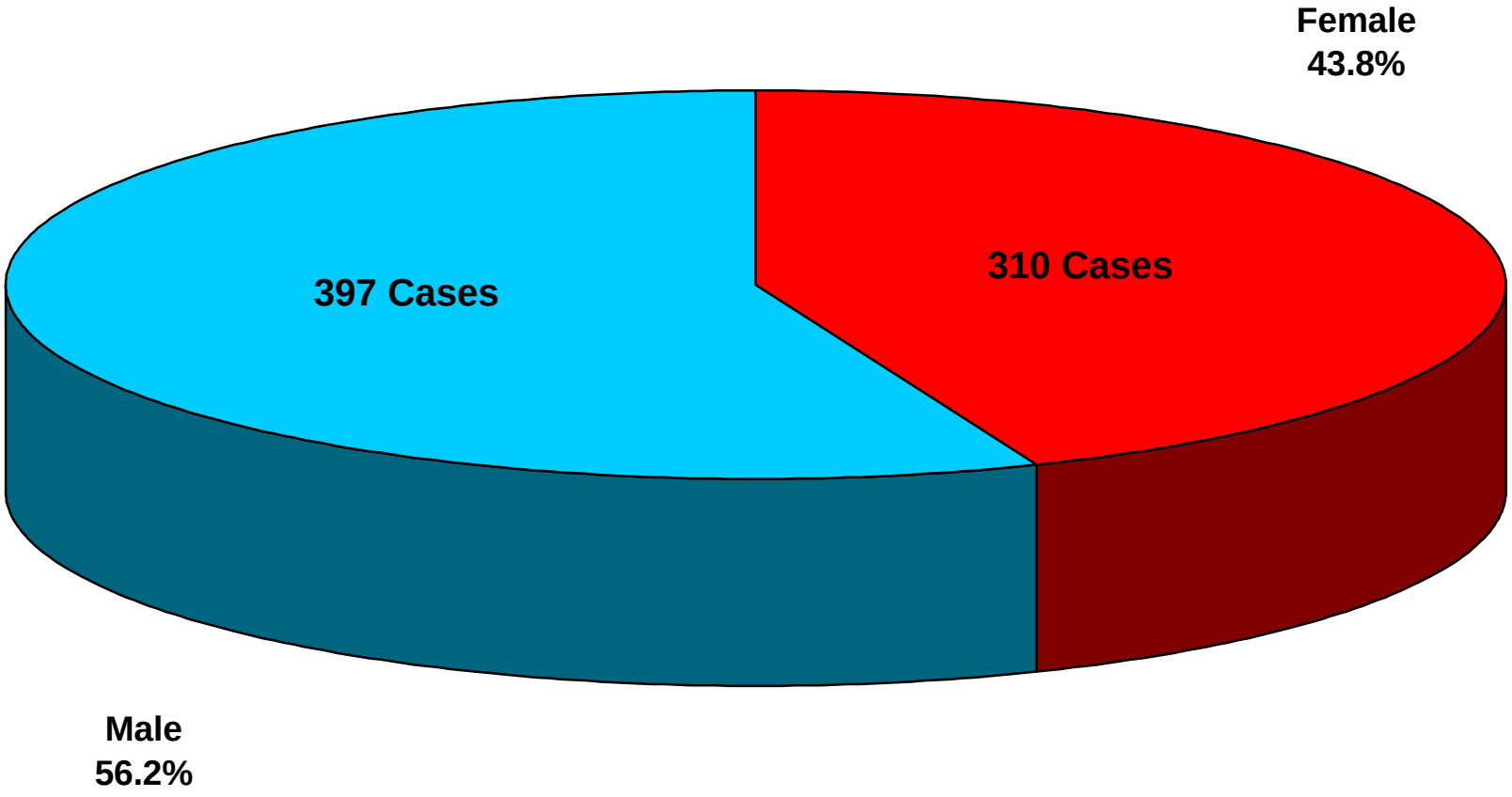
Percent of Virginia Children Reported With Blood Lead Levels ≥ 10 µg/dL*, by Sex and Year, From 1998 to 2000



*Regulation effective January 1, 1999, changed the reportable blood lead level from ≥ 15 µg/dL to ≥ 10 µg/dL. Levels < 15 reported voluntarily prior to 1999 are included.

Virginia Children Reported With Blood Lead Levels ≥ 10 µg/dL*, by Sex, for 2000



*Regulation effective January 1, 1999, changed the reportable blood lead level from ≥ 15 µg/dL to ≥ 10 µg/dL.

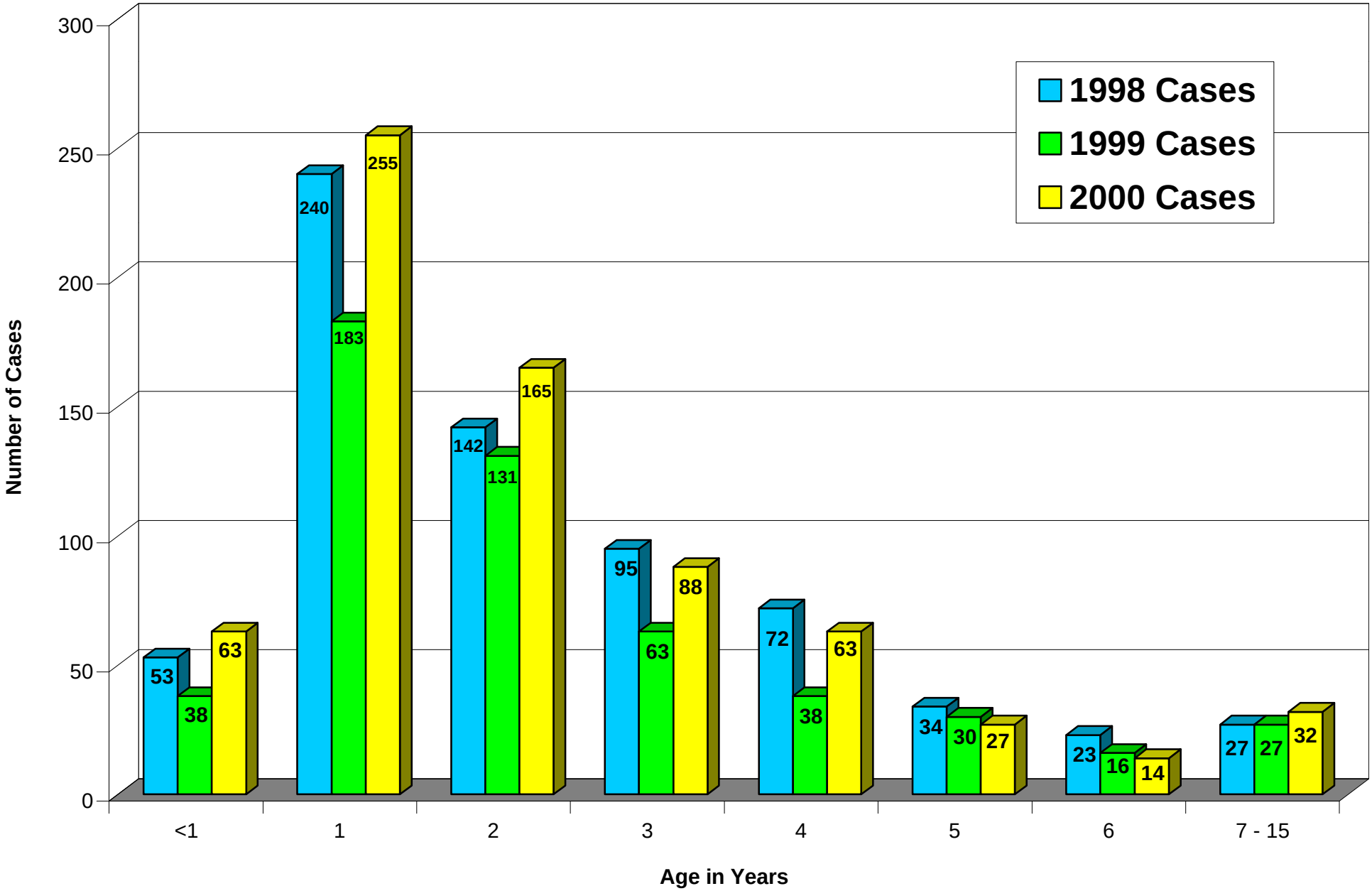
Number Of Virginia Children Reported With Blood Lead Levels ≥ 10 µg/dL, By Age, From 1998 Through 2000*

AGE	1998 Cases	1999 Cases	2000 Cases	Total Cases 1998-2000	Percent of 3-Year Total
<1	53	38	63	154	8.0%
1	240	183	255	678	35.3%
2	142	131	165	438	22.8%
3	95	63	88	246	12.8%
4	72	38	63	173	9.0%
5	34	30	27	91	4.7%
6	23	16	14	53	2.8%
7	5	6	7	18	0.9%
8	7	9	4	20	1.0%
9	4	6	8	18	0.9%
10	4	1	8	13	0.7%
11	3	3	2	8	0.4%
12	1	1	2	4	0.2%
13	2	0	0	2	0.1%
14	1	1	1	3	0.2%
15	0	0	0	0	0.0%
Total	686	526	707	1919	100.0%

The above data represent new cases of Virginia children reported from 1998 to 2000 with blood lead levels greater than or equal to 10 micrograms per deciliter (≥ 10 µg/dL).* The data are a comparison of the children by age up to fifteen years. Age one was the most frequently reported age for each year.

*Regulation effective January 1, 1999, changed the reportable blood lead level from ≥ 15 µg/dL to ≥ 10 µg/dL. Levels < 15 reported voluntarily prior to 1999 are included.

Number of Virginia Children Reported With Blood Lead Levels ≥ 10 µg/dL*, by Age and Year, From 1998 to 2000



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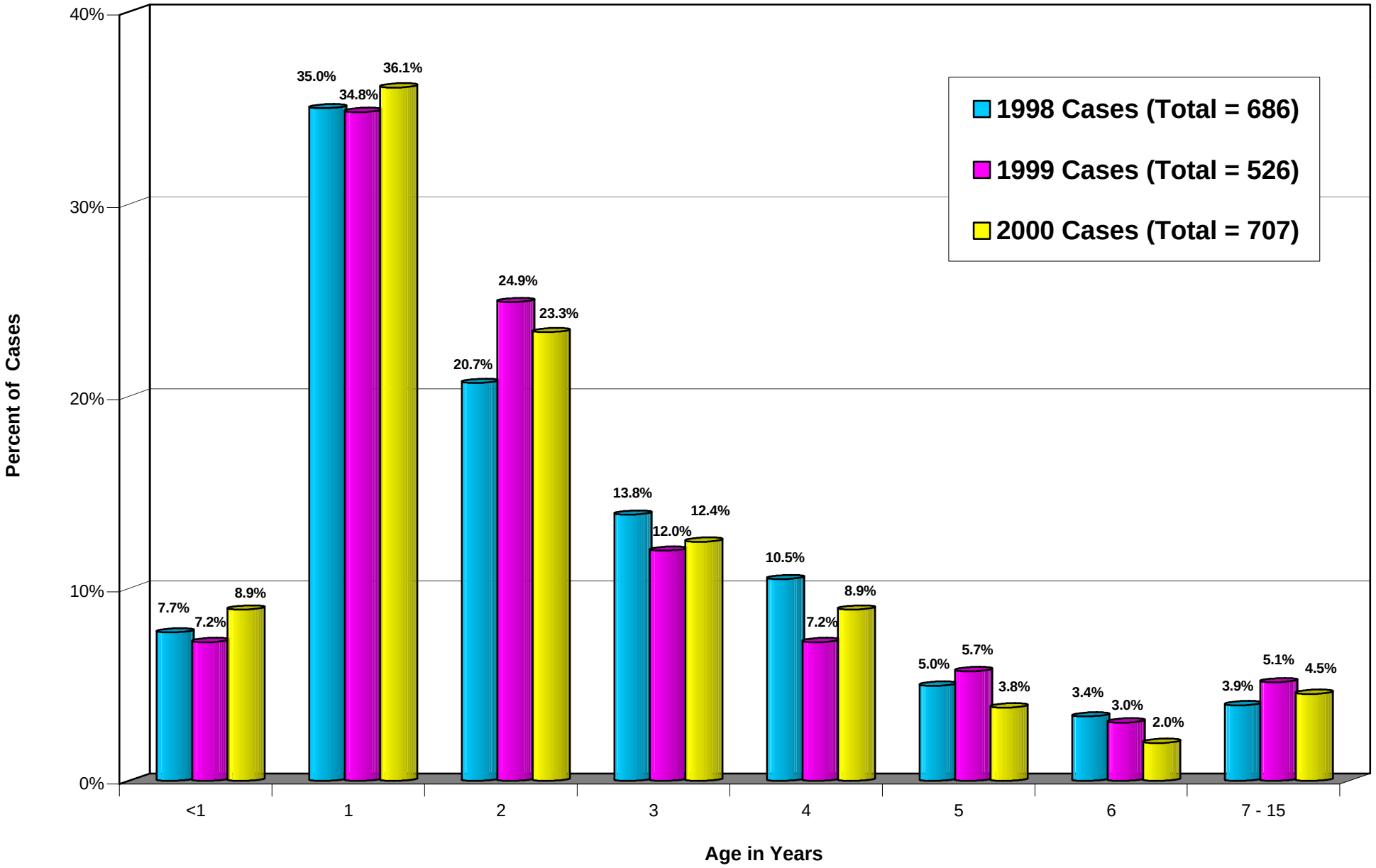
Percent of Virginia Children Reported With Blood Lead Levels ≥ 10 µg/dL*, by Age and Year, From 1998 to 2000



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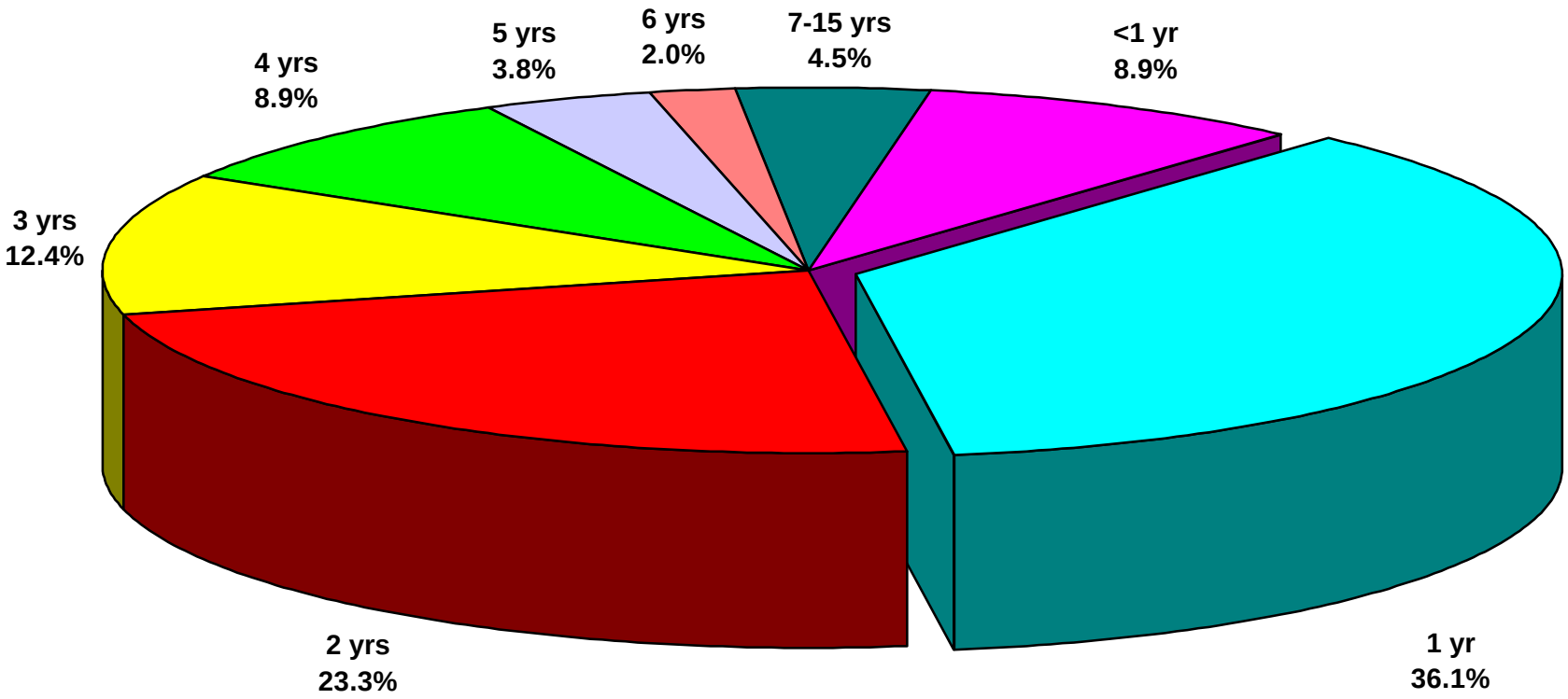
Virginia Children Reported With Blood Lead Levels ≥ 10 µg/dL*, by Age, for 2000



*Regulation effective January 1, 1999, changed the reportable blood lead level from ≥ 15 µg/dL to ≥ 10 µg/dL.

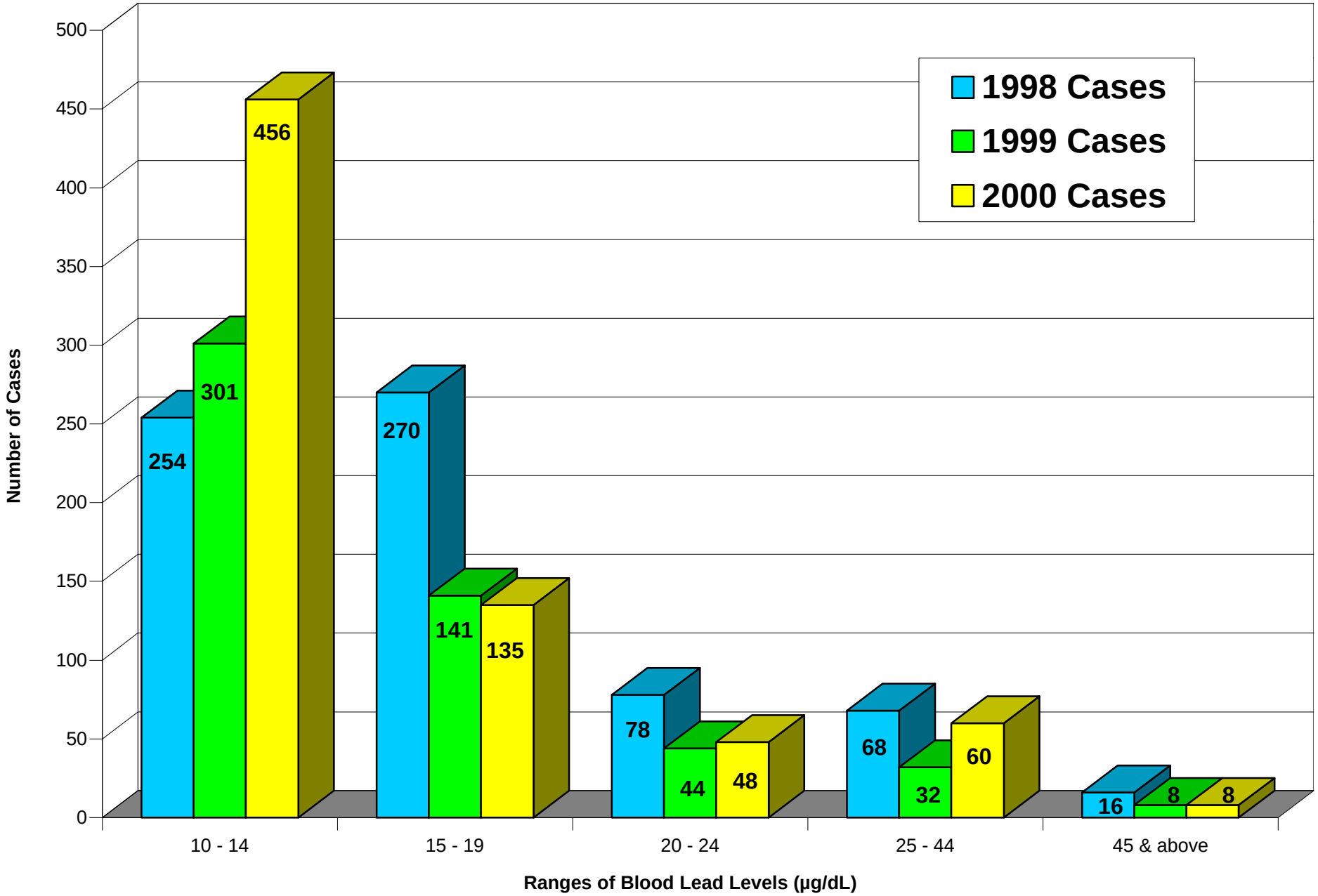
Number Of Virginia Children Reported With Blood Lead Levels ≥ 10 µg/dL*, By Range Of Elevation, From 1998 Through 2000

Range (µg/dL)	1998 Cases	1999 Cases	2000 Cases	Total Cases 1998-2000	Percent of 3-Year Total
10 - 14	254	301	456	1011	52.7%
15 - 19	270	141	135	546	28.5%
20 - 24	78	44	48	170	8.9%
25 - 44	68	32	60	160	8.3%
45 & above	16	8	8	32	1.7%
Total	686	526	707	1919	100.0%

The above data represent new cases of Virginia children reported from 1998 to 2000 with blood lead levels greater than or equal to 10 micrograms per deciliter (≥ 10 µg/dL).* The data are a comparison of the children by ranges of elevated blood lead levels. Prior to January 1, 1999, blood lead levels in the 10 - 14 µg/dL range were reported voluntarily.

*Regulation effective January 1, 1999, changed the reportable blood lead level from ≥ 15 µg/dL to ≥ 10 µg/dL. Levels < 15 reported voluntarily prior to 1999 are included.

Number of Virginia Children Reported With Blood Lead Levels ≥ 10 µg/dL*, by Range of Elevation and Year, From 1998 to 2000



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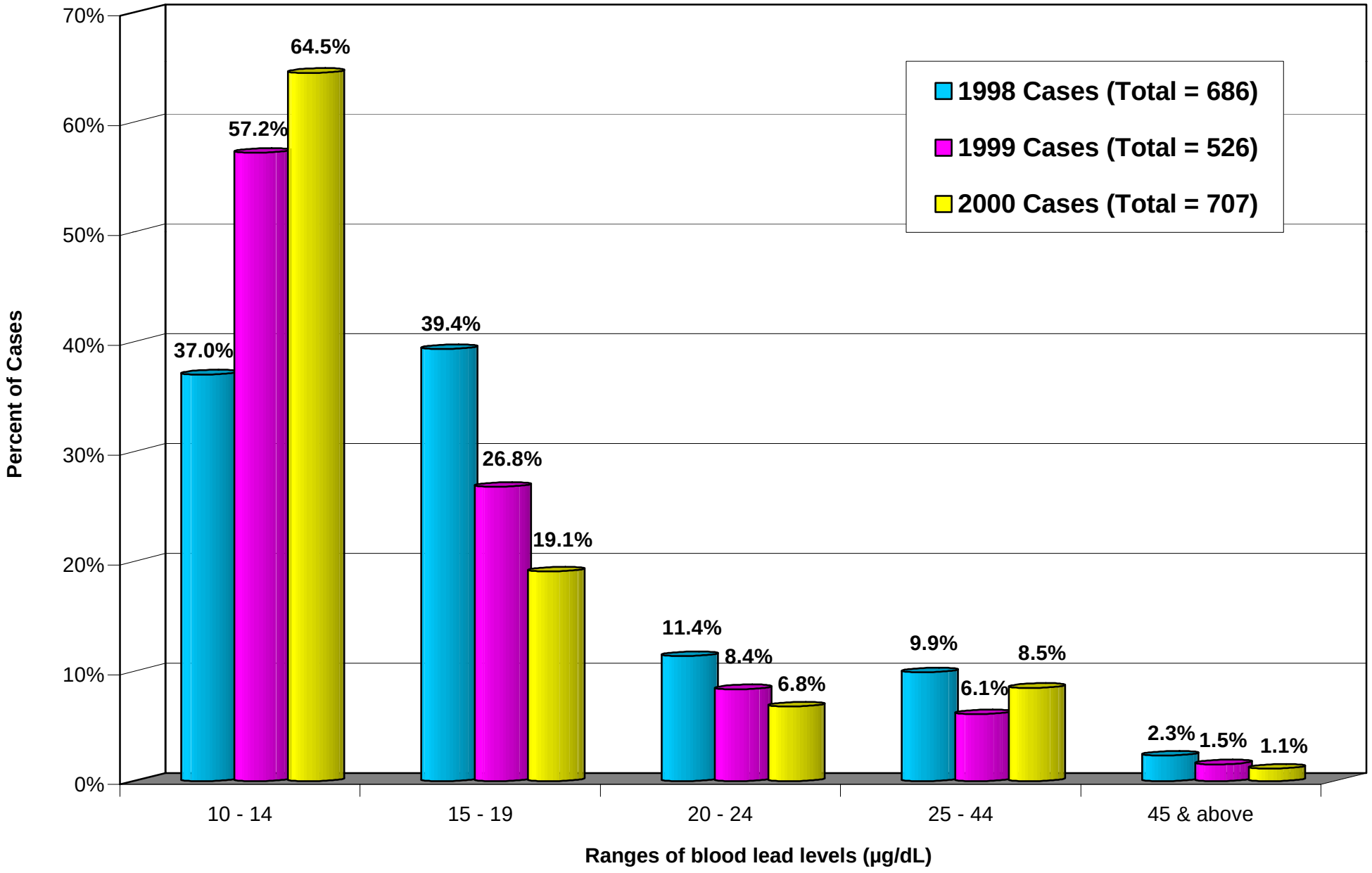
Percent of Virginia Children Reported With Blood Lead Levels ≥ 10 µg/dL*, by Range of Elevation and Year, From 1998 to 2000



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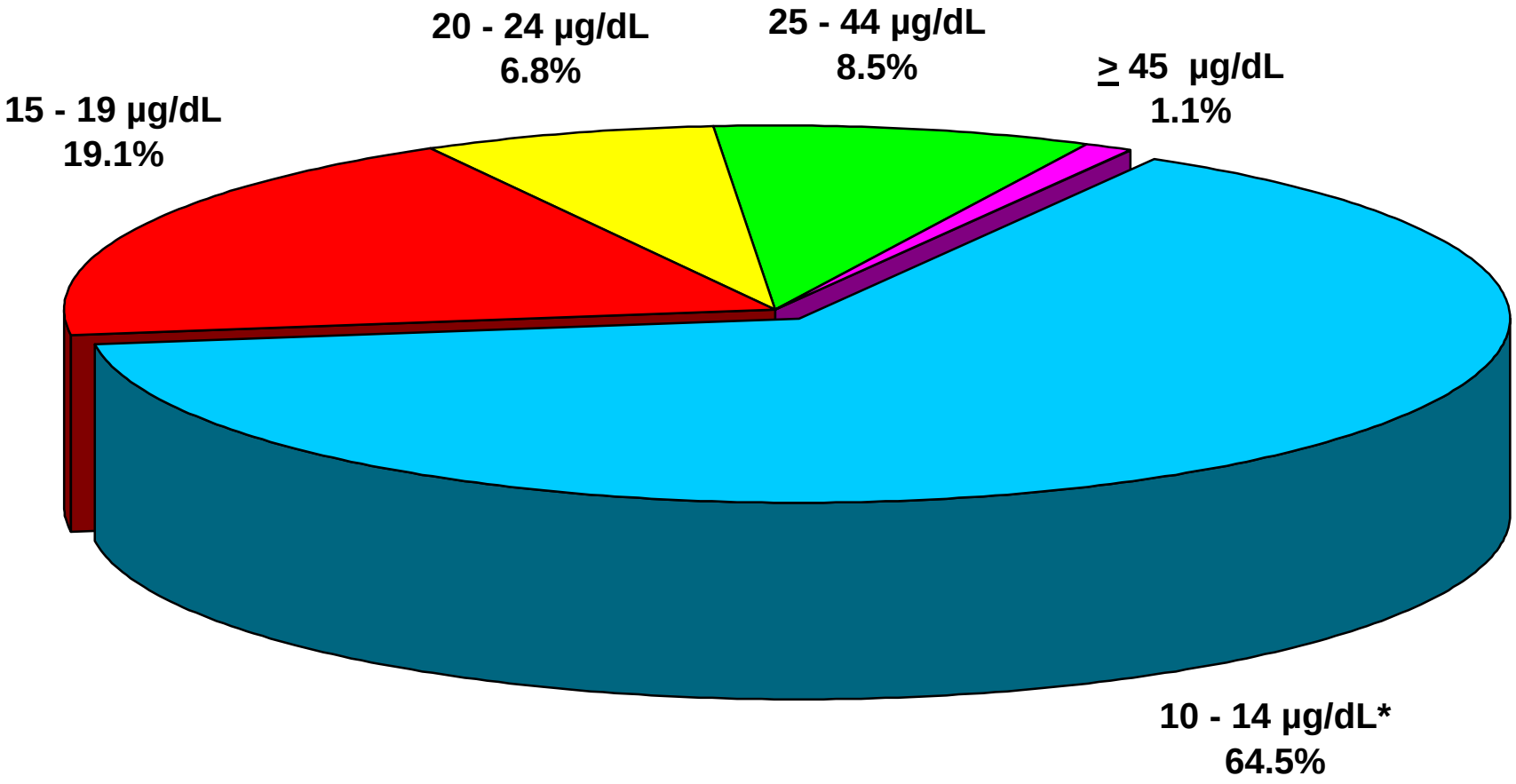
Virginia Children Reported With Elevated Blood Lead Levels, by Range of Elevation, for 2000



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NUMBER OF REPORTED CASES OF ELEVATED BLOOD LEAD LEVELS FOR VIRGINIA CHILDREN, BY HEALTH DISTRICT, FROM 1998 THROUGH 2000*

HEALTH DISTRICT	1998 Cases	1999 Cases	2000 Cases	1998 -2000 Cases	% of Total
ALEXANDRIA	8	11	5	24	1.3%
ALLEGHANY	4	3	2	9	0.5%
ARLINGTON	10	12	19	41	2.1%
CENTRAL SHENANDOAH	6	9	10	25	1.3%
CENTRAL VIRGINIA	***49***	***52***	***32***	**133**	***6.9%***
CHESAPEAKE	9	20	8	37	1.9%
CHESTERFIELD	9	7	11	27	1.4%
CRATER	***96***	***58***	***53***	**207**	***10.8%***
CUMBERLAND PLATEAU	3	3	5	11	0.6%
EASTERN SHORE	19	15	20	54	2.8%
FAIRFAX	20	24	36	80	4.2%
HAMPTON	16	8	19	43	2.2%
HANOVER	5	5	7	17	0.9%
HENRICO	18	17	18	53	2.8%
LENOWISCO	6	1	4	11	0.6%
LORD FAIRFAX	3	5	8	16	0.8%
LOUDOUN	1	3	3	7	0.4%
MOUNT ROGERS	3	3	3	9	0.5%
NEW RIVER	2	1	4	7	0.4%
NORFOLK	***72***	***38***	***37***	**147**	***7.7%***
PENINSULA	26	14	21	61	3.2%
PIEDMONT	15	8	14	37	1.9%
PITTSYLVANIA/DANVILLE	20	14	20	54	2.8%
PORTSMOUTH	***34***	***31***	***47***	**112**	***5.8%***
PRINCE WILLIAM	3	12	7	22	1.1%
RAPPAHANNOCK	6	12	16	34	1.8%
RAPPAHANNOCK/RAPIDAN	2	1	7	10	0.5%
RICHMOND CITY	***136***	***79***	***136***	**351**	***18.3%***
ROANOKE CITY	30	19	23	72	3.8%
SOUTHSIDE	7	2	26	35	1.8%
THOMAS JEFFERSON	7	13	29	49	2.6%
THREE RIVERS	7	6	26	39	2.0%
VIRGINIA BEACH	8	3	5	16	0.8%
WEST PIEDMONT	10	7	0	17	0.9%
WESTERN TIDEWATER	16	10	26	52	2.7%
Total	686	526	707	1919	100.0%

Districts shown in bold receive federal funds for lead poisoning prevention.

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NUMBER OF REPORTED CASES OF ELEVATED BLOOD LEAD LEVELS FOR VIRGINIA CHILDREN, BY LOCALITY, FROM 1998 THROUGH 2000*

Locality Name	1998 Cases	1999 Cases	2000 Cases	1998-2000 Cases	% of Total
Accomack Co	6	10	12	28	1.5%
Albemarle Co/Charlottesville	4	9	26	39	2.0%
Alexandria	8	11	5	24	1.3%
Alleghany Co/Covington	2	1	0	3	0.2%
Amelia Co	1	0	2	3	0.2%
Amherst Co	0	0	0	0	0.0%
Appomattox Co	4	2	0	6	0.3%
Arlington Co	10	12	19	41	2.1%
Augusta Co/Staunton	2	4	5	11	0.6%
Bath Co	0	0	0	0	0.0%
Bedford Co/Bedford	4	3	1	8	0.4%
Bland Co	0	0	0	0	0.0%
Botetourt Co	0	0	0	0	0.0%
Bristol	2	1	1	4	0.2%
Brunswick Co	1	1	3	5	0.3%
Buchanan Co	0	2	1	3	0.2%
Buckingham Co	1	4	3	8	0.4%
Buena Vista	0	0	0	0	0.0%
Campbell Co	4	0	3	7	0.4%
Caroline Co	2	1	2	5	0.3%
Carroll Co	0	0	0	0	0.0%
Charles City Co	1	1	3	5	0.3%
Charlotte Co	0	0	3	3	0.2%
Chesapeake	9	20	8	37	1.9%
Chesterfield Co	8	7	8	23	1.2%
Clarke Co	0	0	1	1	0.1%
Clifton Forge	0	2	0	2	0.1%
Colonial Heights	1	0	1	2	0.1%
Craig Co	0	0	0	0	0.0%
Culpeper Co	2	1	1	4	0.2%
Cumberland Co	0	0	1	1	0.1%
Danville	19	11	19	49	2.6%
Dickenson Co	1	0	0	1	0.1%
Dinwiddie Co	12	4	3	19	1.0%
Essex Co	0	2	1	3	0.2%
Fairfax Co/Fairfax/Falls Church	20	24	36	80	4.2%
Fauquier Co	0	0	1	1	0.1%
Floyd Co	0	1	1	2	0.1%
Fluvanna Co	0	0	1	1	0.1%
Franklin City	2	0	1	3	0.2%

Locality Name	1998 Cases	1999 Cases	2000 Cases	1998-2000 Cases	% of Total
Franklin Co	1	0	0	1	0.1%
Frederick Co/Winchester	1	2	3	6	0.3%
Fredericksburg	2	9	6	17	0.9%
Galax	0	0	0	0	0.0%
Giles Co	0	0	0	0	0.0%
Gloucester Co	0	0	4	4	0.2%
Goochland Co	1	0	0	1	0.1%
Grayson Co	0	0	0	0	0.0%
Greene Co	0	0	0	0	0.0%
Greensville Co/Emporia	8	5	8	21	1.1%
Halifax Co/South Boston	6	1	16	23	1.2%
Hampton	16	8	19	43	2.2%
Hanover Co	3	3	3	9	0.5%
Henrico Co	18	17	18	53	2.8%
Henry Co/Martinsville	9	6	0	15	0.8%
Highland Co	0	1	0	1	0.1%
Hopewell	4	5	8	17	0.9%
Isle of Wight Co	0	0	2	2	0.1%
James City Co	0	1	0	1	0.1%
King and Queen Co	0	0	0	0	0.0%
King George Co	0	1	1	2	0.1%
King William Co	0	0	1	1	0.1%
Lancaster Co	4	0	6	10	0.5%
Lee Co	2	0	4	6	0.3%
Loudoun Co	1	3	3	7	0.4%
Louisa Co	1	4	2	7	0.4%
Lunenburg Co	1	1	3	5	0.3%
Lynchburg	37	47	28	112	5.8%
Madison Co	0	0	1	1	0.1%
Mathews Co	1	0	0	1	0.1%
Mecklenburg Co	0	0	7	7	0.4%
Middlesex Co	0	2	4	6	0.3%
Montgomery Co	1	0	2	3	0.2%
Nelson Co	2	0	0	2	0.1%
New Kent Co	0	1	1	2	0.1%
Newport News	26	11	21	58	3.0%
Norfolk	72	38	37	147	7.7%
Northampton Co	13	5	8	26	1.4%
Northumberland Co	1	1	3	5	0.3%
Nottoway Co	10	2	2	14	0.7%
Orange Co	0	0	4	4	0.2%
Page Co	0	3	1	4	0.2%
Patrick Co	0	1	0	1	0.1%
Petersburg	68	39	31	138	7.2%

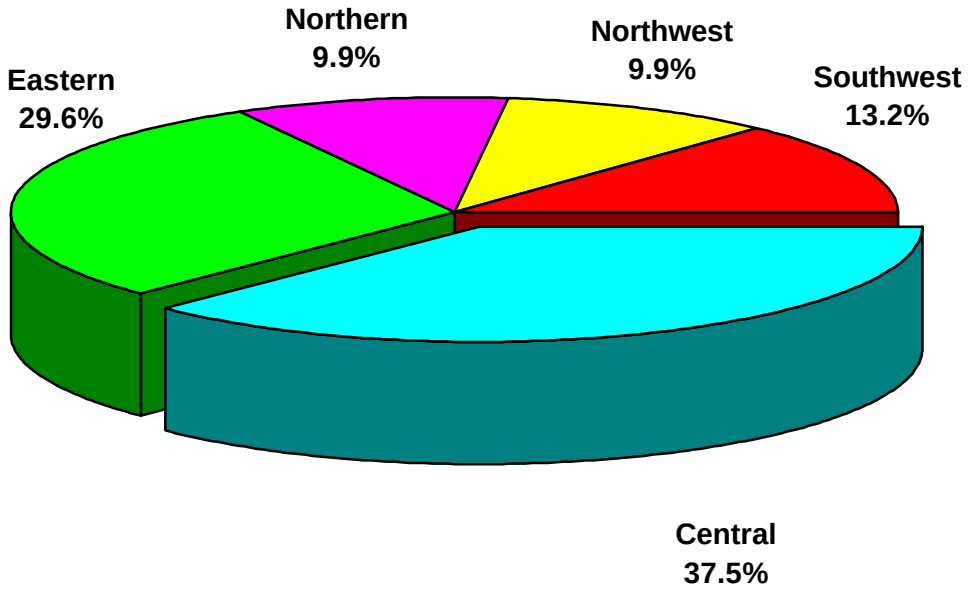
Locality Name	1998 Cases	1999 Cases	2000 Cases	1998-2000 Cases	% of Total
Pittsylvania Co	1	3	1	5	0.3%
Portsmouth	34	31	47	112	5.8%
Powhatan Co	0	0	2	2	0.1%
Prince Edward Co	2	1	0	3	0.2%
Prince George Co	1	1	1	3	0.2%
Prince William Co/Manassas	3	12	7	22	1.1%
Pulaski Co	0	0	1	1	0.1%
Radford	1	0	0	1	0.1%
Rappahannock Co	0	0	0	0	0.0%
Richmond City	136	79	136	351	18.3%
Richmond Co	1	0	3	4	0.2%
Roanoke City	30	19	23	72	3.8%
Roanoke Co	1	0	2	3	0.2%
Rockbridge Co/Lexington	1	0	1	2	0.1%
Rockingham Co/Harrisonburg	2	4	3	9	0.5%
Russell Co	1	0	0	1	0.1%
Salem	1	0	0	1	0.1%
Scott Co	4	0	0	4	0.2%
Shenandoah Co	0	0	1	1	0.1%
Smyth Co	0	1	2	3	0.2%
Southampton Co	0	1	1	2	0.1%
Spotsylvania Co	0	0	5	5	0.3%
Stafford Co	2	1	2	5	0.3%
Suffolk	14	9	22	45	2.3%
Surry Co	1	3	0	4	0.2%
Sussex Co	2	1	2	5	0.3%
Tazewell Co	1	1	4	6	0.3%
Virginia Beach	8	3	5	16	0.8%
Warren Co	2	0	2	4	0.2%
Washington Co	0	1	0	1	0.1%
Waynesboro	1	0	1	2	0.1%
Westmoreland Co	0	1	4	5	0.3%
Williamsburg	0	0	0	0	0.0%
Wise Co/Norton	0	1	0	1	0.1%
Wythe Co	1	0	0	1	0.1%
York Co/Poquoson	0	2	0	2	0.1%
Total	686	526	707	1919	100.0%

*Regulation effective January 1, 1999, changed the reportable blood lead level from $\geq$ 15 µg/dL to $\geq$ 10 µg/dL. Levels < 15 reported voluntarily prior to 1999 are included in these data.

Number Of Reported Cases Of Childhood Elevated Blood Lead Levels* In Virginia, By Region, From 1998 Through 2000

Region	1998 Cases	1999 Cases	2000 Cases	1998-2000 Cases	% of Total
Central	286	176	265	727	37.9%
Eastern	207	145	209	561	29.2%
Northern	42	62	70	174	9.1%
Northwest	24	40	70	134	7.0%
Southwest	127	103	93	323	16.8%
Total	686	526	707	1919	100.0%

Percent Of Reported Cases Of Childhood Elevated Blood Lead Levels In Virginia, By Region, For 2000



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Reported Cases and Rate per 100,000 Population for Virginia Children With Blood Lead Levels ≥ 10 µg/dL,* by Age Group, for 2000

Age	Population Total**	2000 Lead Cases	Rate per 100,000
0 to 4	478,070	634	132.6
5 to 9	495,311	60	12.1
10 to 14	485,922	13	2.7
Total	1,459,303	707	48.4

Reported Cases and Rate per 100,000 Population for Virginia Children With Blood Lead Levels ≥ 10 µg/dL,* by Race of Child, for 2000

Race	Population Total** Age 0 to 14	2000 Lead Cases***	Rate per 100,000
Nonwhite	457,876	398	86.9
White	997,780	152	15.2
Total	1,455,656	550	37.8

* Regulation effective January 1, 1999, changed the reportable blood lead level from ≥ 15 µg/dL to ≥ 10 µg/dL.

** Population total based on 1999 projections from the Census Bureau (September, 2000).

*** Excludes reported cases of unknown race.

Number of Reported Cases and Rate per 100,000 Population for Virginia Children, Age 0 - 14 With Blood Lead Levels ≥ 10 µg/dL,* by Health District, for 2000

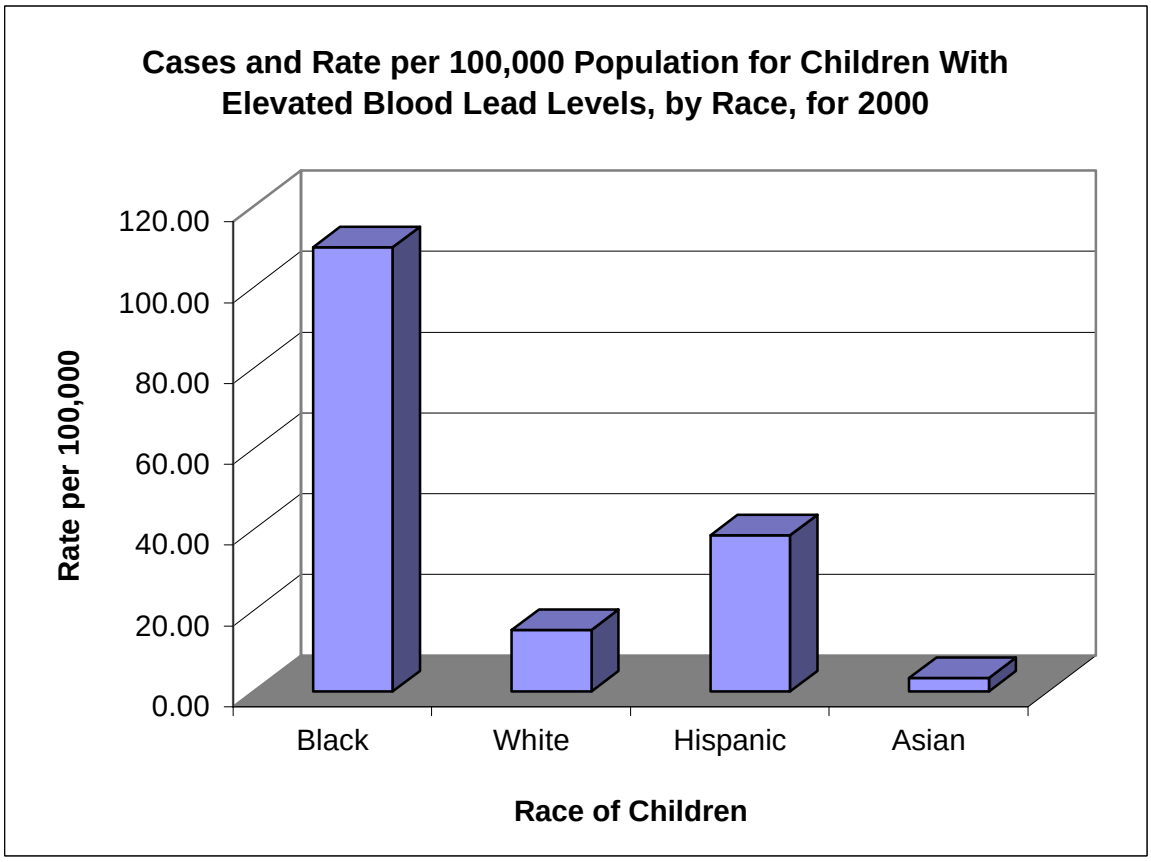
HEALTH DISTRICT	Population Total** Age 0 to 14	2000 Reported Cases	Rate per 100,000
ALEXANDRIA	19,217	5	26.0
ALLEGHANY	28,763	2	7.0
ARLINGTON	32,459	19	58.5
CENTRAL SHENANDOAH	44,210	10	22.6
CENTRAL VIRGINIA	41,859	32	76.4
CHESAPEAKE	49,319	8	16.2
CHESTERFIELD	69,589	11	15.8
CRATER	29,834	53	177.6
CUMBERLAND PLATEAU	24,174	5	20.7
EASTERN SHORE	9,132	20	219.0
FAIRFAX	217,127	36	16.6
HAMPTON	29,482	19	64.4
HANOVER	23,876	7	29.3
HENRICO	47,502	18	37.9
LENOWISCO	17,786	4	22.5
LORD FAIRFAX	36,337	8	22.0
LOUDOUN	37,482	3	8.0
MOUNT ROGERS	32,101	3	9.3
NEW RIVER	24,683	4	16.2
NORFOLK	49,049	37	75.4
PENINSULA	71,574	21	29.3
PIEDMONT	17,088	14	81.9
PITTSYLVANIA/DANVILLE	20,151	20	99.3
PORTSMOUTH	22,535	47	208.6
PRINCE WILLIAM	86,468	7	8.1
RAPPAHANNOCK	59,655	16	26.8
RAPPAHANNOCK/RAPIDAN	29,026	7	24.1
RICHMOND CITY	32,793	136	414.7
ROANOKE CITY	17,143	23	134.2
SOUTHSIDE	15,989	26	162.6
THOMAS JEFFERSON	36,643	29	79.1
THREE RIVERS	25,681	26	101.2
VIRGINIA BEACH	110,198	5	4.5
WEST PIEDMONT	24,313	0	0.0
WESTERN TIDEWATER	26,065	26	99.8
Total	1,459,303	707	48.4

* Regulation effective January 1, 1999, changed the reportable blood lead level from ≥ 15 µg/dL to ≥ 10 µg/dL.

** Population total based on 1999 projections from the Census Bureau (September, 2000).

Reported Cases and Rate per 100,000 Population for Virginia Children With Blood Lead Levels ≥ 10 µg/dL,* by Known Race, for 2000

Race	Total Cases	Population Total** Age 0 to 14	Rate per 100,000
Black	358	325,578	109.96
White	152	997,780	15.23
Hispanic	28	72,396	38.68
Asian	2	59,902	3.34
Total	540	1,455,656	37.10



* Regulation effective January 1, 1999, changed the reportable blood lead level from ≥ 15 µg/dL to ≥ 10 µg/dL.

** Population total based on 1999 projections from the Census Bureau (September, 2000).

Patient Status Of Reported Cases Of Elevated Blood Lead Levels For Virginia Children, By Health District, For 2000*

Health District	Health Department Patient	Non-Health Department Patient	Total
ALEXANDRIA	0	5	5
ALLEGHANY	2	0	2
ARLINGTON	5	14	19
CENTRAL SHENANDOAH	0	10	10
CENTRAL VIRGINIA	28	4	32
CHESAPEAKE	4	4	8
CHESTERFIELD	5	6	11
CRATER	32	21	53
CUMBERLAND PLATEAU	0	5	5
EASTERN SHORE	8	12	20
FAIRFAX	4	32	36
HAMPTON	1	18	19
HANOVER	1	6	7
HENRICO	4	14	18
LENOWISCO	3	1	4
LORD FAIRFAX	0	8	8
LOUDOUN	0	3	3
MOUNT ROGERS	3	0	3
NEW RIVER	1	3	4
NORFOLK	11	26	37
PENINSULA	2	19	21
PIEDMONT	0	14	14
PITTSYLVANIA/DANVILLE	15	5	20
PORTSMOUTH	40	7	47
PRINCE WILLIAM	0	7	7
RAPPAHANNOCK	4	12	16
RAPPAHANNOCK/RAPIDAN	0	7	7
RICHMOND CITY	27	109	136
ROANOKE CITY	14	9	23
SOUTHSIDE	2	24	26
THOMAS JEFFERSON	6	23	29
THREE RIVERS	3	23	26
VIRGINIA BEACH	2	3	5
WEST PIEDMONT	0	0	0
WESTERN TIDEWATER	4	22	26
Total	231	476	707

Districts shown in bold receive federal funds for lead poisoning prevention.

*Regulation effective January 1, 1999, changed the reportable blood lead level from $\geq$ 15 µg/dL to $\geq$ 10 µg/dL.

FACILITIES REPORTING CHILDREN WITH ELEVATED BLOOD LEAD LEVELS DURING 2000*

Reporting Facility	2000 Cases	Percent of Total
Laboratory	643	90.9%
Hospital	32	4.5%
Physician's Office	32	4.5%
Total	707	100.0%

The majority of cases reported with elevated blood lead levels were received from laboratories, which includes both private and state-operated facilities. The laboratory reporting the highest number of new cases was Labcorp (321 = 49.9%), followed by DCLS (191 = 29.7%).

ADDRESS STATUS FOR CHILDREN REPORTED WITH ELEVATED BLOOD LEAD LEVELS DURING 2000*

Address Status	2000 Cases	Percent of Total
Current Home Address	679	96.0%
Home Address Unknown	28	4.0%
Total	707	100.0%

When the child's home address is unknown, the address recorded is that of the screening facility. To the extent possible, missing data are obtained through assistance and cooperation with the local health departments. The percentage of cases with an unknown home address has continually been reduced from a high of 12.8% in 1994.

*Regulation effective January 1, 1999, changed the reportable blood lead level from $\geq$ 15 µg/dL to $\geq$ 10 µg/dL.

PATIENT STATUS FOR CHILDREN REPORTED WITH ELEVATED BLOOD LEAD LEVELS DURING 2000*

Patient Status	2000 Cases	Percent of Total
Non - Health Department Patients	476	67.3%
Health Department Patients	231	32.7%
Total	707	100.0%

The majority of cases reported in 2000 were for children receiving their initial lead screening in the private sector as opposed to a local health department. The percentage of health department patients reported in 2000 (32.7%) is lower when compared to the percentage of health department patients reported in 1999 (39.4%) and 1998 (45.0%).

SCREENING TEST TYPE FOR CHILDREN REPORTED WITH ELEVATED BLOOD LEAD LEVELS IN VIRGINIA DURING 2000*

Screening Test Type	2000 Cases	Percent of Total
Venous	346	48.9%
Unknown	182	25.7%
Type 2	179	25.3%
Total	707	100.0%

The majority of screening test types were venous, which is the preferred method. Unknown refers to single tests which were not designated as capillary or venous. Type 2 refers to children with at least two confirmed blood lead levels $\geq$ 10 µg/dL reported as either capillary or unknown.

*Regulation effective January 1, 1999, changed the reportable blood lead level from $\geq$ 15 µg/dL to $\geq$ 10 µg/dL.

FREQUENCY OF REPEAT TESTING FOR CHILDREN REPORTED WITH ELEVATED BLOOD LEAD LEVELS IN VIRGINIA DURING 2000*

Total Number of Screening Tests Performed on Each Child	Number of Children	Percent of Total
1	373	52.8%
2	173	24.5%
3	84	11.9%
4	33	4.7%
5	19	2.7%
6	10	1.4%
7	7	1.0%
8	1	0.1%
9	4	0.6%
10	2	0.3%
12	1	0.1%
Total	707	100.0%

The majority of children with elevated blood lead levels in 2000 were recorded with one screening test (373 = 52.8%). Of these children, 293 were found to have lead levels in the 10 -14 µg/dL range, 54 were found to have lead levels in the 15 - 19 µg/dL range, 15 were found to have lead levels in the 20 - 24 µg/dL range, 9 were found to have lead levels in the 25 - 44 µg/dL range, and 2 children were reported with lead levels $\geq$ 45 µg/dL.

* Initial blood lead screening for these children was performed in 2000. The number of repeat tests were recorded through 7/31/01. Regulation effective January 1, 1999, changed the reportable blood lead level from $\geq$ 15 µg/dL to $\geq$ 10 µg/dL.